

Appl. No. 10/731,576  
Amdt. dated July 21, 2006  
Reply to Office action of April 27, 2006

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A protective motorcycle impact cage, comprising:
  - a rear bumper;
  - a rear bar connected to said rear bumper;
  - a passenger bar connected to said rear bar;
  - a waistline bar connected to said passenger bar;
  - a bottom brace connected to said passenger bar;
  - an operator bar connected to said brace;
  - a left side bar connected to said operator bar;
  - a right side bar connected to said operator bar; and
  - a front bumper connected to said side bars, wherein said protective motorcycle impact cage is substantially elliptical in cross-section.
2. (original) The protective motorcycle impact cage of claim 1, further comprising a front shoulder bar connected to said operator bar and said front bumper.
3. (original) The protective motorcycle impact cage of claim 1, further comprising a top brace connecting said passenger bar to said operator bar.

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4. (original) The protective motorcycle impact cage of claim 1, further comprising an upright rear shoulder bar connecting said passenger bar and said waistline bar.
5. (currently amended) The protective motorcycle impact cage of claim 1, further comprising a motorcycle having a front wheel and a rear wheel, wherein said protective motorcycle impact cage extends beyond said front wheel and said rear wheel.
6. (currently amended) The protective motorcycle impact cage of claim 1, wherein said protective motorcycle impact cage protects a motorcycle operator ~~and, a passenger, and front and rear wheels of a motorcycle~~ in a collision with a vehicle.
7. (original) The protective motorcycle impact cage of claim 1, wherein the connections comprise welds.
8. (currently amended) The protective motorcycle impact cage of claim 1, ~~comprising~~ wherein said protective motorcycle impact cage is made from tubular metal.
9. (currently amended) A protective motorcycle impact cage, comprising:
  - a rear bumper;
  - a rear bar connected to said rear bumper;
  - a passenger bar connected to said rear bar;
  - an upright rear shoulder bar connected to said passenger bar;
  - a waistline bar connected to said passenger bar and said upright rear shoulder bar;

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a bottom brace connected to said passenger bar;  
a top brace connected to said passenger bar;  
an operator bar connected to said braces;  
a left side bar connected to said operator bar;  
a right side bar connected to said operator bar;  
a front bumper connected to said side bars;  
a left front shoulder bar connected to said operator bar and said  
front bumper; and  
a right front shoulder bar connected to said operator bar and said  
front bumper, wherein said protective motorcycle impact  
cage is substantially elliptical in cross-section.

10. (currently amended) The protective motorcycle impact cage of claim 9,  
further comprising a motorcycle having a front wheel and a rear wheel,  
wherein said protective motorcycle impact cage extends beyond said front  
wheel and said rear wheel.
11. (currently amended) The protective motorcycle impact cage of claim 9,  
wherein said protective motorcycle impact cage protects a motorcycle  
operator ~~and~~, a passenger, and front and rear wheels of a motorcycle in a  
collision with a vehicle from any direction.
12. (original) The protective motorcycle impact cage of claim 9, wherein the  
connections comprise welds.

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13. (currently amended) The protective motorcycle impact cage of claim 9,  
~~comprising~~ wherein said protective motorcycle impact cage is made from  
tubular metal.
14. (currently amended) The protective motorcycle impact cage of claim 9,  
~~comprising~~ wherein said protective motorcycle impact cage is made from  
steel.
15. (currently amended) A protective motorcycle impact cage, comprising:
  - a rear bumper;
  - a rear bar connected to said rear bumper;
  - a passenger bar connected to said rear bar;
  - a left upright rear shoulder bar connected to said passenger bar;
  - a right upright rear shoulder bar connected to said passenger bar;
  - a waistline bar connected to said passenger bar and said upright  
rear shoulder bars;
  - a bottom brace connected to said passenger bar;
  - a left top brace connected to said passenger bar;
  - a right top brace connected to said passenger bar;
  - an operator bar connected to said braces;
  - a left side bar connected to said operator bar;
  - a right side bar connected to said operator bar;
  - a front bumper connected to said side bars;
  - a left front shoulder bar connected to said operator bar and said  
front bumper; and

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a right front shoulder bar connected to said operator bar and said  
front bumper, wherein said protective motorcycle impact  
cage is substantially elliptical in cross-section.

16. (currently amended) The protective motorcycle impact cage of claim 15,  
further comprising a motorcycle having a front wheel and a rear wheel,  
wherein said protective motorcycle impact cage extends beyond said front  
wheel and said rear wheel.
17. (currently amended) The protective motorcycle impact cage of claim 15,  
wherein said protective motorcycle impact cage protects a motorcycle  
operator ~~and~~, a passenger, and front and rear wheels of a motorcycle in a  
collision with a vehicle from any direction.
18. (original) The protective motorcycle impact cage of claim 15, wherein the  
connections comprise welds.
19. (currently amended) The protective motorcycle impact cage of claim 15,  
~~comprising~~ wherein said protective motorcycle impact cage is made from  
tubular metal.
20. (currently amended) The protective motorcycle impact cage of claim 15,  
wherein said protective motorcycle impact cage is made from ~~comprising~~  
steel.